

Message

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Sent: 12/7/2018 5:35:39 PM
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Subject: ST012 Site Activities and two week look ahead

Activities from 10/29 through 11/30

- SVE Operation
- LNAPL checks
- Completed annual sampling
- Pump repairs conducted for UWBZ21, UWBZ30, and UWBZ28/LSZ51
- Continued extraction and treatment- 36 gpm reading on 11/28, ~10 million total gallons treated since start up of EBR extraction.
- Continued CZ07 extraction (approximately 1.4 million gallons pumped since start up)
- Operating Extraction Wells: CZ07, CZ18, UWBZ21, UWBZ22, UWBZ26, UWBZ30, LSZ09, LSZ11, LSZ12, LSZ23, LSZ37, LSZ38, LSZ39
- Extraction Wells Currently Down: CZ21 (corrosion), UWBZ27(pump failure), UWBZ28/LSZ51 (corrosion, new pump installed, troubleshooting electrical)
- Extraction Wells Removed from Pilot Plan (Field Variance Memo 7): CZ19, LSZ28, LSZ29
- Extraction Wells to be Added to Pilot Plan in future (FVM7): UWBZ25, LSZ43
- Scheduled moving oxidizer from ST035 to ST012 to replace the flame oxidizer for 12/14
- Began sulfate batch mixing week of 11/12
 - Sulfate caked up from long storage
 - Pre-mix tank structural improvements identified
 - Pre-crushing step added
 - Solution transferred to injection tank week of 11/26
 - Settled solids (caked material) observed in pre-mix tank
 - Procured high volume trash pumps to enhance mixing and solubilization of sulfate

This week (12/3-12/7)

- SVE Operation
- Set up trash pump and mixed injection tank
- Collected sample for sulfate concentration and injected solution in UWBZ33
- Continue to increase solubilization of residual caked solids in pre-mix tank and transfer to injection tank (following first injection)
- Clean pre-mix tank in preparation for structural repairs

Next Week (12/10-12/14)

- SVE Operation
- LNAPL checks
- Continue extraction (including CZ07)
- Complete structural repairs on pre-mix tank
- Received additional replacement extraction pumps

- Relocate oxidizer from ST035 (SVE will be down 12/14 into the following week)

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